

GenCore version 4.5
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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:07 ; Search time 319.49 Seconds
(without alignments)
20.557 Million cell updates/sec

Title: US-09-851-670-5

Perfect score: 1 ttgtgttgcgttcgttcgttcgttc 29

Scoring table: IDENTITY_NUC

Gapop 10.0, Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 515962

Minimum DB seq length: 0
Maximum DB seq length: 60

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_NA: *
1: /cgn2_6/ptodata/2/ina/5A.COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B.COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A.COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B.COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCrUS.COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match Length	ID	Description
C 1	17	58.6	54 1	US-08-390-850-1085 Sequence 1085, Ap
C 2	17	58.6	54 1	US-08-435-634-1085 Sequence 1085, Ap
C 3	16.2	55.9	54 1	US-08-311-486C-1047 Sequence 1047, Ap
C 4	16	55.2	18 4	US-09-474-922A-28 Sequence 28, Appl
C 5	15.4	53.1	54 1	US-08-390-850-1032 Sequence 1032, Ap
C 6	15.4	53.1	54 1	US-08-435-634-1032 Sequence 1032, Ap
C 7	14.8	51.0	18 4	US-09-474-922A-27 Sequence 27, Appl
C 8	14.8	51.0	60 3	US-08-613-009A-25 Sequence 25, Appl
C 9	14.6	50.3	29 3	US-09-087-727-6 Sequence 6, Appl
C 10	14.6	50.3	54 1	US-08-390-850-1094 Sequence 1094, Ap
C 11	14.6	50.3	54 1	US-08-373-124A-2280 Sequence 2280, Ap
C 12	14.6	50.3	54 1	US-08-435-634-1094 Sequence 1094, Ap
C 13	14.6	50.3	54 1	US-08-435-628-2280 Sequence 2280, Ap
C 14	14.4	49.7	26 1	US-08-229-781-48 Sequence 48, Appl
C 15	14.4	49.7	26 1	US-08-630-918-48 Sequence 48, Appl
C 16	14.4	49.7	28 1	US-08-220-606B-37 Sequence 37, Appl
C 17	14.4	49.7	30 1	US-08-081-070-9 Sequence 9, Appl
C 18	14.4	49.7	30 1	US-08-171-389-609 Sequence 609, App
C 19	14.4	49.7	30 1	US-07-996-783-9 Sequence 9, Appl
C 20	14.4	49.7	30 1	US-08-484-499-9 Sequence 9, Appl
C 21	14.4	49.7	30 1	US-08-123-936-609 Sequence 609, App
C 22	14.4	49.7	30 1	US-08-475-221B-9 Sequence 9, Appl
C 23	14.4	49.7	30 1	US-08-475-876-9 Sequence 9, Appl
C 24	14.4	49.7	30 2	US-08-475-228A-609 Sequence 609, App
C 25	14.4	49.7	30 3	US-08-482-080A-609 Sequence 609, App
C 26	14.4	49.7	30 5	PCT-US93-12388-609 Sequence 609, App
C 27	14.4	49.7	54 2	US-08-585-684B-2703 Sequence 2703, Ap

C 28	14.4	49.7	54 4	US-09-038-073-2703 Sequence 2703, Ap
C 29	14.2	49.0	20 4	US-07-922-492-4 Sequence 4, Appl
C 30	14.2	49.0	38 3	US-09-090-793-43 Sequence 43, Appl
C 31	14.2	49.0	40 2	US-08-628-422-53 Sequence 53, Appl
C 32	14.2	49.0	40 4	US-09-042-353-400 Sequence 400, App
C 33	14.2	49.0	43 4	US-08-758-417A-250 Sequence 250, App
C 34	13.8	47.6	54 1	US-08-390-850-1031 Sequence 1031, Ap
C 35	13.8	47.6	54 1	US-08-435-634-1031 Sequence 1031, Ap
C 36	13.6	46.9	48 1	US-08-317-102-1 Sequence 1, Appl
C 37	13.6	46.9	48 1	US-08-317-102-2 Sequence 2, Appl
C 38	13.6	46.9	54 1	US-08-311-486C-1116 Sequence 1116, Ap
C 39	13.6	46.9	54 2	US-08-649-991-123 Sequence 123, App
C 40	13.6	46.9	55 3	US-08-921-887-21 Sequence 21, Appl
C 41	13.6	46.9	56 3	US-08-921-887-17 Sequence 17, Appl
C 42	13.4	46.2	33 5	PCT-US92-01784-1 Sequence 1, Appl
C 43	13.4	46.2	48 1	US-08-319-836B-14 Sequence 14, Appl
C 44	13.4	46.2	48 1	US-08-319-836B-15 Sequence 15, Appl
C 45	13.4	46.2	48 5	PCT-US95-13142-14 Sequence 14, Appl

ALIGNMENTS

RESULT 1
US-08-390-850-1085/C
Sequence 1085, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: MCSwigen, James
APPLICANT: Gustafson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215, September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1085:
SEQUENCE CHARACTERISTICS:
LENGTH: 54 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

US-09-474-922A-28
Sequence 28, Application US/09474922A
Patent No. 6187586
GENERAL INFORMATION:
APPLICANT: Brett P. Monib
APPLICANT: Lex M. Cowser
APPLICANT: Richard A. Roth
TITLE OF INVENTION: ANTISENSE MODULATION OF Akt-3 EXPRESSION
FILE REFERENCE: RFS-6416
CURRENT APPLICATION NUMBER: US/09/474,922A
CURRENT FILING DATE: 1999-12-29
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 28
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-474-922A-28



Query Match 55.2%; Score 16; DB 4; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 2 ttgcttggtgctgcttc 17
Db 1 ttgcttggtgctgcttc 16

RESULT 5
US-08-390-850-1032/C
Sequence 1032, Application US/08390850
Patent No. 5612215
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/390,850
FILING DATE: February 17, 1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5612215, September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1032:
SEQUENCE CHARACTERISTICS:
LENGTH: 54 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-08-390-850-1032

Query Match 53.1%; Score 15.4; DB 1; Length 54;
Best Local Similarity 76.0%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;
QY 1 ttgcttggtgctgcttcgt 25
Db 30 TGTTCCTGCTGCTGCTGCTGCT 6

RESULT 6
US-08-435-634-1032/C
Sequence 1032, Application US/08435634
Patent No. 5731295
GENERAL INFORMATION:
APPLICANT: Draper, Kenneth G.
APPLICANT: Pavco, Pamela
APPLICANT: McSwigen, James
APPLICANT: Gustofson, John
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR TREATMENT
TITLE OF INVENTION: OF ARTHRITIC CONDITIONS
NUMBER OF SEQUENCES: 1151
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FASTSEQ Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,634
FILING DATE: 05-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/390,850
FILING DATE: February 17, 1995
APPLICATION NUMBER: 08/354,920
FILING DATE: December 13, 1994
APPLICATION NUMBER: 08/152,487
FILING DATE: No. 5731295, September 12, 1993
APPLICATION NUMBER: 07/989,848
FILING DATE: December 7, 1992
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 211/084
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1032:
SEQUENCE CHARACTERISTICS:
LENGTH: 54 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

APPLICATION NUMBER: 08/354,920
 FILING DATE: December 13, 1994
 APPLICATION NUMBER: 08/157,487
 FILING DATE: No. 5731295ember 12, 1993
 APPLICATION NUMBER: 07/985,848
 FILING DATE: December 7, 1992
 ATTORNEY/AGENT INFORMATION:
 NAME: Warburg, Richard
 REGISTRATION NUMBER: 32,327
 REFERENCE/DOCKET NUMBER: 211/084
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 1094:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 54 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 IS-08-435-634-1094

Query Match	50.38;	Score 14.6;	DB 1;	length 54;
Best Local Similarity	69.08;	Pred. No. 8e+02;		
Matches 20; Conservative	0;	Mismatches 9;	Indels 0;	Gaps 0;

RESULT 13
US-08-435-628-2280/c
Sequence 2280, Application US/08435628
Patent No. 5817796
GENERAL INFORMATION:
APPLICANT: Slinchcomb, Dan T.
APPLICANT: Draper, Kenneth
APPLICANT: McSwigen, James
APPLICANT: Jarvis, Thale
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR
TITLE OF INVENTION: TREATMENT OF RESTENOSIS AND
TITLE OF INVENTION: CANCER USING RIBOZYMES
NUMBER OF SEQUENCES: 2627
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 MB
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/435,628
FILING DATE: 03-MAY-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/373,124
FILING DATE: January 13, 1995
APPLICATION NUMBER: 08/245,466
FILING DATE: May 18, 1994
APPLICATION NUMBER: 08/192,943
FILING DATE: February 7, 1994
APPLICATION NUMBER: 07/987,132
FILING DATE: December 7, 1992
APPLICATION NUMBER: 07/936,422

1 FILING DATE: August 26, 1992
2
3 ATTORNEY/AGENT INFORMATION:
4 NAME: Walburg, Richard
5 REGISTRATION NUMBER: 32,327
6 REFERENCE/DOCKET NUMBER: 209/0355
7
8 TELECOMMUNICATION INFORMATION:
9
10 TELEPHONE: (213) 489-1600
11
12 TELEFAX: (213) 955-0440
13
14 TELEEX: 67-3510
15
16 INFORMATION FOR SEQ ID NO: 2280:
17
18 SEQUENCE CHARACTERISTICS:
19
20 LENGTH: 54 base pairs
21 TYPE: nucleic acid
22 STRANDEDNESS: single
23
24 TOPOLOGY: linear
25
26 US-08-435-628-2280

Query Match	50.3%	Score 14.6;	DB 1;	Length 54;
Best Local Similarity	69.0%	Pred. No. 8e+02;		
Matches 20; Conservative	0;	Mismatches 9;	Indels 0;	Gaps 0;

RESULT 14
US-08-229-781-48/c
Sequence 48, Application US/08229781
Patent No. 3589174
GENERAL INFORMATION:
APPLICANT: Yoshinobu OKUNO et al.
TITLE OF INVENTION: ANTI-HUMAN INFLUENZA VIRUS ANTIBODY
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wendroeth, Lind & Ponack
STREET: 805 Fifteenth Street, N.W., #700
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/229,781
FILING DATE: April 19, 1994
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/054,016
FILING DATE: April 29, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
TELEFAX:
TELEX:
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid (synthetic DNA)
HYPOTHEtical:
ANTI-SENSE:
FRAGMENT TYPE:
ORIGINAL SOURCE:

ORGANISM:
STRAIN:
INDIVIDUAL ISOLATE:
DEVELOPMENTAL STAGE:
HAPLOTYPE:
TISSUE TYPE:
CELL TYPE:
CELL LINE:
ORGANELLE:
IMMEDIATE SOURCE:
LIBRARY:
CLONE:
POSITION IN GENOME:
CHROMOSOME/SEGMENT:
MAP POSITION:
UNITS:
FEATURE:
NAME/KEY:
LOCATION:
IDENTIFICATION METHOD:
OTHER INFORMATION:
PUBLICATION INFORMATION:
AUTHORS:
TITLE:
JOURNAL:
VOLUME:
ISSUE:
PAGES:
DATE:
DOCUMENT NUMBER:
FILING DATE:
PUBLICATION DATE:
RELEVANT RESIDUES IN SEQ ID NO:
US-08-229-781-48

Query Match 49.7%; Score 14.4; DB 1; Length 26;
Best Local Similarity 93.8%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 gtctgtctgttttca 29
|||||
DB 26 GTTCCTCTGTTCCTTCA 11

RESULT 15
US-08-630-918-48/c
Sequence 48, Application US/08630918
Patent No. 5631350
GENERAL INFORMATION:
APPLICANT: Yoshinobu OKUNO et al.
TITLE OF INVENTION: ANTI-HUMAN INFLUENZA VIRUS ANTIBODY
NUMBER OF SEQUENCES: 58
CORRESPONDENCE ADDRESS:
ADDRESSEE: Wenderoth, Lind & Ponack
STREET: 805 Fifteenth Street, N.W., #700
CITY: Washington
STATE: D.C.
COUNTRY: U.S.A.
ZIP: 20005
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.5 inch, 1.44 mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: Wordperfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,918
FILING DATE: April 5, 1996
CLASSIFICATION: 530
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/229,781
FILING DATE: April 19, 1994
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/054,016
FILING DATE: April 29, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Warren M. Cheek, Jr.
REGISTRATION NUMBER: 33,367
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-371-8850
TELEFAX:
TELEX:
INFORMATION FOR SEQ ID NO: 48:
SEQUENCE CHARACTERISTICS:
LENGTH: 26 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid (synthetic DNA)
US-08-630-918-48

Query Match 49.7%; Score 14.4; DB 1; Length 26;
Best Local Similarity 93.8%; Pred. No. 8.8e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 14 gtctgtctgttttca 29
|||||
DB 26 GTTCCTCTGTTCCTTCA 11

Search completed: March 9, 2002, 00:54:07
Job time: 11358 sec

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